


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

- ☒ Search only in Engineering, Computer Science, and Mathematics.
☐ Search in all subject areas.

Scholar [All articles](#) - [Recent articles](#) Results 1 - 100 of about 1,120 for **rfid access control multiple**. (0.78 seconds)

RFID systems and security and privacy implications - ► [ubipass.com](#) [PDF]

SE Sarma, SA Weis, DW Engels - Lecture notes in computer science, 2003 - Springer
 ... in the US, in contrast, allows **multiple** reader-to ... a unique penchant for **RFID**-tagged
 Gucci ... security goals requires implementing **access control** and authentication ...
[Cited by 305](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 43 versions](#)

An overview of backscattered radio frequency identification system (RFID)

KVS Rao - Microwave Conference, 1999 Asia Pacific, 1999 - [ieeexplore.ieee.org](#)
 ... **Multiple** tag identification is possible. ... **RFID** can be widely used in the applications
 like retail, transportation, **access control**, asset management ...
[Cited by 83](#) - [Related articles](#) - [Web Search](#)

The blocker tag: Selective blocking of RFID tags for consumer privacy - ► [rsasecurity.com](#) [PDF]

A Juels, RL Rivest, M Szydlo - Proceedings of the 10th ACM conference on Computer and ..., 2003 - [portal.acm.org](#)
 ... for ordinary consumers include effortless physical **access control** ... for privacy-protection
 of **RFID** tags embedded in ... They use **multiple** public keys, thanks to a ...
[Cited by 442](#) - [Related articles](#) - [Web Search](#) - [All 46 versions](#)

RFID for road tolling, road-use pricing and vehicle access control

P Blythe - IEE Colloquium on RFID Technology (Ref. No. 1999/123), 1999 - [ieeexplore.ieee.org](#)
 Page 1. **RFID FOR ROAD TOLLING, ROAD-USE PRICING AND VEHICIE ACCESS CONTROL** By:
 Phil Blythe, AMIEE Senior Leciurer in Transport Telemafics ...
[Cited by 21](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)

Fully integrated passive UHF RFID transponder IC with 16.7-μW minimum RF input power - ► [ncue.edu.tw](#)

[PDF]
 U Karthaus, M Fischer, RFC Div, AG GmbH, G Ulm - IEEE Journal of Solid-State Circuits, 2003 - [ieeexplore.ieee.org](#)
 ... of Atmel Germany for design of low-power **control** logic and ... [4] The Palomar Project,
 "Passive Long Distance **Multiple Access UHF RFID** System," European ...
[Cited by 217](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 7 versions](#)

Pervasive computing goes the last hundred feet with RFID systems - ► [computer.org](#)

V Stanford - IEEE Pervasive Computing, 2003 - [ieeexplore.ieee.org](#)
 ... High-end tags can have full-blown microcontrollers and **multiple** interfaces to the
 environ- ment ... **Access control**: **RFID** tags embedded into personal ID cards. ...
[Cited by 121](#) - [Related articles](#) - [Web Search](#) - [All 12 versions](#)

Colorwave: a MAC for RFID reader networks

J Waldrop, DW Engels, SE Sarma, AID Center, C MIT - 2003 IEEE Wireless Communications and Networking, 2003. WCNC ...,
 2003 - [ieeexplore.ieee.org](#)
 ... lacking a central **control**, does allow ... reservation **multiple access** scheme for multimedia
 traffic. ... **RFID Handbook: Radio-Frequency Identification Fundamentals and** ...
[Cited by 27](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Squealing Euros: Privacy protection in RFID-enabled banknotes - ► [rsasecurity.com](#) [PDF]

A Juels, R Pappu - Lecture notes in computer science, 2003 - Springer
 ... collision, that is, the ability for **multiple** tags with ... These are **access-control**

functions applied to particular memory cells ... An **RFID** tag will only permit a keyed ...

[Cited by 205](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 16 versions](#)

Fabric area network—a new wireless communications infrastructure to enable ubiquitous networking ... -

► [wsu.edu](#) [PDF]

APJ Hum - Computer Networks, 2001 - Elsevier

... **RFID** watches to imple- ment automatic **access control** at ski ... In general, **RFID** systems have mostly been single ... network on clothing by using **multiple RFID** links. ...

[Cited by 40](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

[PDF] ► Lightweight authentication protocols for low-cost RFID tags

I Vajda, L Buttyan - 2nd Workshop on Security in Ubiquitous Computing, 2003 - pm.lab.iecs.fcu.edu.tw

... the actual challenge) that the attacker has **access** to (in ... that low capability devices like **RFID** tags are ... able to run efficient forward error **control** mechanisms ...

[Cited by 85](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 11 versions](#)

[PDF] ► Reasoning about uncertainty in location identification with RFID

J Brusey, C Floerkemeier, M Harrison, M Fletcher - IJCAI-2003 Workshop on Reasoning with Uncertainty in ..., 2003 - inf.ethz.ch

... system is to demonstrate how **RFID** integrates with **control** in an ... Karkkainen et al., 2003] that uses **RFID** to store ... is used as a database key to **access** data about ...

[Cited by 36](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 12 versions](#)

[PDF] ► Adopting fair information practices to low cost RFID systems

S Garfinkel - Ubiquitous Computing, 2002 - scrawford.net

... Have more **control** over product recalls. ... a central repository— assuming that these “moles” have network **access**. ... could be stored into programmable **RFID** tags ...

[Cited by 44](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 10 versions](#)

[BOOK] RFID handbook: fundamentals and applications in contactless smart cards and identification

K Finkenzerler - 2003 - books.google.com

... FDMA) 204 7.2.3 Time domain **multiple access** (TDMA) 205 7.2 ... convenience 1 3.2.3 Benefits of **RFID** systems 13.2 ... xj CONTENTS 13.4 **Access Control** 357 13.4.1 Online ...

[Cited by 659](#) - [Related articles](#) - [Web Search](#) - [Library Search](#) - [All 3 versions](#)

[PDF] ► Multiple object identification with passive RFID tags

H Vogt - IEEE International Conference on Systems, Man and ..., 2002 - inf.ethz.ch

... **Control** of ALOHA Signalling in a Mobile Radio Trunking ... Analysis and Stability of a Random **Access** System. ... Efficient Object Identification with Passive **RFID** Tags ...

[Cited by 98](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 13 versions](#)

Location systems for ubiquitous computing - ► [wordpress.com](#) [PDF]

J Hightower, G Borriello - Computer, 2001 - ieeeexplore.ieee.org

... its GUID, the infrastructure can **access** an external ... sensor locations phenomenon hardware costs (**RFID** typically <1m) ... data and a radio frequency **control** sig- nal ...

[Cited by 1604](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 36 versions](#)

[CITATION] Privacy and authentication in low-cost RFID tags

A Juels - Submission to RFID Privacy Workshop@ MIT, 2003

[Cited by 15](#) - [Related articles](#) - [Web Search](#)

Improving performance of adaptive media access control protocols for high-density wireless networks

A Lim, M Kai - Parallel Architectures, Algorithms, and Networks, 1999.(I)- ..., 1999 - ieeeexplore.ieee.org

... Direct Sequence Code Division **Multiple Access** DSSSS ... by snooping devices, the media **access control** layer adapts ... such as palmtops, laptops, **RFID** radio frequency ...

[Cited by 7](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

RFID: the integration of contactless identification technology and mobile computing

T Flor, W Niess, G Vogler - Telecommunications, 2003. ConTEL 2003. Proceedings of the ..., 2003 - ieeeexplore.ieee.org

... The tag reader must be able to read **multiple** tags in ... hospitals, libraries, labs and manufactures are employing **RFID** system for the **access control** and for ...
[Cited by 11](#) - [Related articles](#) - [Web Search](#)

Access control and authorization system

EM Scheidt, EL Domangue - US Patent App. 10/278,765, 2002 - Google Patents
 ... CREDENTIALS FILE DECRYPTED CREDENTIALS RS-**RFID**YES MATCH ... prise wide information distribution with information **control** and **access control** capabilities while ...
[Cited by 10](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Colorwave: an anticollision algorithm for the reader collision problem

J Waldrop, DW Engels, SE Sarma, AID Center, C MIT - IEEE International Conference on Communications, 2003. ICC' ..., 2003 - [ieeexplore.ieee.org](#)
 ... band (in the US), admit **multiple** frequency channels ... coordinate their operation with the **RFID** system to ... also related to the Medium **Access Control** (MAC) problem ...
[Cited by 92](#) - [Related articles](#) - [Web Search](#)

Wireless media **access control** for highly mobile information servers: simulation and performance ...

KW Mok, AS Lim - ACM SIGMOBILE Mobile Computing and Communications Review, 1997 - [portal.acm.org](#)
 ... 1Tag will be used instead of **RFID** tag for ... **Multiple access** interference (MAI) for DS/CDMA occurs when ... spectral density ratio ,o)eH with perfect power **control**. ...
[Cited by 6](#) - [Related articles](#) - [Web Search](#)

Control system and method for moving **multiple** automated vehicles along a monorail

CB Gilbert, B Hillebrecht - US Patent 6,109,568, 2000 - Google Patents
 ... Inc., Micron 125 kHz External **RFID** Antenna, Catalog ... between the remote controller 70 and the **access** points 202 ... of costly bus-bar-type 5 **control** conductors that ...
[Cited by 8](#) - [Related articles](#) - [Web Search](#) - [All 7 versions](#)

[PDF] ► **Modeling privacy control** in context-aware systems

X Jiang, J Landay - IEEE Pervasive Computing, 2002 - [citeseerx.ist.psu.edu](#)
 ... For example, you could model **access** to a con ... write privi- lege to a Boolean **control** object that ... For example, radio frequency identifi- cation (**RFID**) sensors can ...
[Cited by 80](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 19 versions](#)

Remote computer security system for computers, printers and multifunction devices

GF Lupien Jr, CA Smith - US Patent 5,959,530, 1999 - Google Patents
 ... is theft deterrent can be used to **control** a wide ... An **RFID** system consists of an RF transmitter/receiver ... the initiation of the security or limited **access** technique ...
[Cited by 8](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[PDF] ► Reconfigurable Agile Tag Reader Technologies for Combined EAS and **RFID** Capability

R Fletcher, O Omojola, E Boyden, N Gershenfeld, MA ... - Workshop on Automatic Identification Advanced Technologies, 1999 - [media.mit.edu](#)
 ... and can seamlessly support **multiple** tagging technologies ... To encode information, most **RFID** systems employ ... For example, **access control** badges originally developed ...
[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 7 versions](#)

[CITATION] Performance Evaluation of Adaptive Media **Access Control** Protocols for Pervasive Wireless Networks

A Lim, K Mok - JOURNAL OF INTERCONNECTION NETWORKS, 2002 - WORLD SCIENTIFIC
[Cited by 2](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#)

[PDF] ► **Passive RFID basics**

P Sorrells - Microchip Technology Inc, 1998 - [jimfranklin.info](#)
 ... existing applications, a single-read **RFID** tag is ... and even necessary: animal tagging and **access control** are examples ... In order to read **multiple** tags simultaneously ...
[Cited by 12](#) - [Related articles](#) - [Web Search](#) - [All 19 versions](#)

[CITATION] Automatic identification—applications and technologies

M Karkkainen, T Ala-Risku - Logistics Research Network (LRN) 8th annual conference, ..., 2003

[Cited by 7](#) - [Related articles](#) - [Web Search](#)**[PDF] ► Micronetwork interfaces for RFID tags: A new paradigm for reader-tag communication**

DW Engels - 2003 - autoidiabs.org

... implement and provides for easy integration of components from **multiple** vendors ... For example, an **RFID access control** system locates its tag readers at the entry ...[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 3 versions](#)**[PDF] ► Contactless technology for secure physical access: Technology and standards choices**

SC Alliance - Smart Card Alliance Research Report, 2002 - cnipa.gov.it

... systems that benefit from **multiple** card technologies. ... considered for physical **access control** applications: 125 kHz ... of today's **RFID access control** systems and ...[Cited by 6](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 18 versions](#)**Anticollision protocol for reading multiple RFID tags**

JH Bowers, JN Daigle, R Petrovic - US Patent 5,883,582, 1999 - Google Patents

... One problem with attempting to read **multiple RFID** tags 55 within an interrogation ... data collisions, some interrogators include a means for **control**- ling the ...[Cited by 10](#) - [Related articles](#) - [Web Search](#) - [All 6 versions](#)**Making sense of sensing systems: five questions for designers and researchers - ► [cmu.edu](#) [PDF]**

V Bellotti, M Back, WK Edwards, RE Grinter, A ... - Proceedings of the SIGCHI conference on Human factors in ..., 2002 - portal.acm.org

... Mouse (point-and-click) Social **control** over physical **access** ... How to **control** or cancel system action in ... to sensors; objects augmented with **RFID** (radio frequency ...[Cited by 170](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 29 versions](#)**Wireless data input to RFID reader**

MS Casden - US Patent App. 09/944,646, 2001 - Google Patents

... systems as authorized personnel and **access control** requirements change. ... In large **RFID** systems such reprogramming is ... the host computer linked to **multiple** readers ...[Cited by 3](#) - [Related articles](#) - [Web Search](#) - [All 8 versions](#)**New generation of ip-phone enabled mobile devices**

M Kohno, J Rekimoto - Lecture notes in computer science, 2002 - Springer

... detection of the **RFID** tag activates the session **control** procedure, which ... PC **RFID** reader Ethernet ... Next, the PC gives the terminal temporary **access** rights via ...[Cited by 5](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 5 versions](#)**[PDF] ► RFID—It's all about security**

J Karlen - RF Design, 2002 - images.rfdesign.com

... scale, nor extend securely, to **multiple** applications that ... ity on tokens for traditional **RFID** applications such as ticketing, **access control**, and fueling ...[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)**Low-power radio frequency identification reader**

RW Watkins - US Patent 6,150,948, 2000 - Google Patents

... **Multiple** secondary detectors may also be connected in ... reader system comprising: a proximity **RFID** tag reader ... upon completion of an **access control** function; such ...[Cited by 2](#) - [Related articles](#) - [Web Search](#) - [All 7 versions](#)**Low-cost radio replacement utilizing RFID technology**

JA Anderson, CA Wiklof - US Patent 6,608,551, 2003 - Google Patents

... a result the interrogator 40 may operate at **multiple** frequencies so ... the device could provide location tracking and **access control** using the **RFID** tag and ...[Cited by 2](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

[PDF] ► [Radio Frequency Identification \(RFID\) technology and its applications in the commercial construction](#)

...

M Schneider - University of Kentucky thesis, Lexington, 2003 - e-pub.uni-weimar.de

... **multiple** number of times (Identec Solutions, 2002) (see Figure 2.). ... Many businesses use **RFID to control access** to hotels and business facilities by ...[Cited by 13](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 3 versions](#)Interference control method for RFID systems

JP Bradin - US Patent 6,566,997, 2003 - Google Patents

... tags and is not limited to **multiple access** schemes ... wide range of different **RFID** applications, such as asset management, **access control**, inventory tracking ...[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)[PDF] ► [The New Revolution in Product ID: Electronic Product Code \(EPC\) Integration with RFID](#)

D Benjamin - MARKEN Corporation Company Presentation at the PackExpo, 2003 - markem.us

... The MARKEM Mission n Use **multiple** technologies to help industries apply ... Initial commercial applications were **access control** and A Brief **RFID** History ...[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 2 versions](#)[PDF] ► [Privacy-aware location sensor networks](#)

M Gruteser, G Schelle, A Jain, R Han, D Grunwald - HotOS IX, 2003 - citeseerx.ist.psu.edu

... to allow such decision- making (eg, **RFID** or the ... more sophisticated adver- sary, with local **access** to the ... **Control** traf- fic conveys information about the sensor ...[Cited by 57](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 9 versions](#)[BOOK] [The Global Markets and Applications for Radio Frequency Identification.](#)

MJ Liard, D Krebs, Venture Development Corporation - 2001 - Venture Development Corp.

[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [Library Search](#)TIRIS: a vehicle tracking system using passive radio transponders

MM Ollivier - IEEE Colloquium on Vehicle Location and Fleet Management ..., 1993 - ieeexplore.ieee.org

... data memory in excess of 1Kbit, arranged in a **multiple** 64 bit ... 3 Passive **RFID** is providing solutions to problems in market sectors as diverse as **Access control**, ...[Cited by 2](#) - [Related articles](#) - [Web Search](#)[CITATION] [RFID, MEMS, and their Applications in the Field of Construction](#)

A Durfee, P Goodrum - 2002 - White Paper

[Cited by 1](#) - [Related articles](#) - [Web Search](#)[PDF] ► [Smart identification](#)

F Mattern - Summer School on Ubiquitous and Pervasive Computing, 2002 - vs.inf.ethz.ch

... F.Ma. 42 Watch and car key with integrated **RFID** for contactless **access control** (eg, lock a computer when operator leaves it) Contactless **Access Control** Page 41. ...[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 7 versions](#)Self powered electronic memory identification tag with dual communication ports

JP Ward, K Maletsky - US Patent 6,046,676, 2000 - Google Patents

... attached, so that only BIOS can **control** the security ... All **access** protection bits are stored on a separate ... The **RFID Access** (RF) fields in the **Access** Protection ...[Cited by 4](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)Radio frequency tag circuit and method for reading **multiple** tags

E Chen, MK Wang, CY Tu, CH Tsai, ST Chang - US Patent App. 10/231,710, 2002 - Google Patents

... This kind of system usually is used in an **access control**, an inventory-**control**, or an ... **RFID** Tag or transponder ordi- narily includes antennas and Integrated ...[Web Search](#) - [All 2 versions](#)Radio frequency identification (RFID) based network **access** management

H Waris - US Patent App. 10/610,974, 2003 - Google Patents

... tag algorithm M flag: apply this key to **multiple** tags (until ... the cost of an attack against the **access control** system. ... The one **RFID** tag 60, in this case, could ...

[Web Search](#) - [All 2 versions](#)

[BOOK] Security, ID Systems and Locks: The Book on Electronic Access Control

J Konicek, K Little - 1997 - books.google.com

... has over 25 years experience in intrusion detection and **access control** system design ...

He has man- aged **multiple** large projects, integrating prime, subcontractors ...

[Web Search](#) - [All 4 versions](#)

THE BASICS OF RADIO FREQUENCY IDENTIFICATION (RFID) TECHNOLOGY

PA Pittsburgh - Handbook of RF and wireless technologies, 2003 - books.google.com

... Controlled **access** of personnel ... Identification of product variants and process **control**

in flexible ... number of factors influence the suitability of **RFID** for given ...

[Related articles](#) - [Web Search](#)

Wireless local area network (WLAN) channel radio-frequency identification (RFID) tag system and ...

D Aljadeff, Y Granot, S Tsruya, R Amsalem - US Patent App. 10/274,698, 2002 - Google Patents

... Reception information is gathered from **multiple** location stations ... a network receiver,

full MAC (Medium **Access Control**) support and ... which a low-cost **RFID** tag is ...

[Web Search](#) - [All 7 versions](#)

Electrical power control system

AB Ratcliffe - US Patent App. 10/416,922, 2003 - Google Patents

... [0026] In many cases, **multiple** apparatus embodying ... to the com- puter through a suitable

access control product ... programmer may be used to program **RFID** cards with ...

[Web Search](#) - [All 6 versions](#)

... wave (CW)-fixed multiple frequency triggered, radio frequency identification (RFID) tag and system ...

BL Corbett, ML Workman - US Patent App. 10/666,823, 2003 - Google Patents

... as inventory management, security **access**, personnel identification ... The **RFID** interrogator

includes first and second ... sequence and gen- erating **control** signals, a ...

[Web Search](#) - [All 4 versions](#)

System and method for integrating and characterizing data from multiple electronic systems

A Wren, C Ashe, S Fairbairn, KD Schultz - US Patent App. 10/742,607, 2003 - Google Patents

... characterizing data from **multiple** electronic systems ... article surveillance systems,

access control systems, automatic ... machines, gas pumps, **RFID** detection systems ...

[Web Search](#) - [All 3 versions](#)

[CITATION] ASIC Design of a Single Chip CMOS RFID Transponder

W Noothong, N Panitanum, A Yordthein, A ... - NECTEC, Slide presentation, 2002

[Web Search](#)

Access control through secure channel using personal identification system

G Seroussi, KG Paterson, W Mao, MT Smith - US Patent App. 09/896,796, 2001 - Google Patents

... often require a user to memorize **multiple** passwords and ... to automate the logon and

access control processes ... a radio frequency identifi- cation (**RFID**) card which ...

[Web Search](#) - [All 8 versions](#)

Point-of-purchase display with RFID inventory control

K Shanton - US Patent App. 10/646,912, 2003 - Google Patents

... simply opened on the front or top to enable **access** to the ... suitable desired configuration,

as the inventive concept of **RFID** inventory **control** may be ...

[Web Search](#) - [All 2 versions](#)

[PDF] ► CSC2228: Topics in Mobile and Pervasive Computing

E de Lara - IEEE Personal Communications, 2001 - cs.toronto.edu

... networks • Opportunistic sensing • **RFID** **RFID** • Activity recognition ... belong to **multiple** organizations/users • **Access control** • Who can ...

[View as HTML](#) - [Web Search](#) - [All 3 versions](#)

Information-based **access control** system for sea port terminals

A Zagami - US Patent App. 10/732,168, 2003 - Google Patents

... or a government authority and will support **multiple** data encoding and ... Crew members may pass through various **control** check points and **access** points in ...

[Web Search](#) - [All 3 versions](#)

Joint admission/congestion **control** for wireless CDMA systems supporting integrated services -

► [comsoc.org](#) [PDF]

TK Liu, JA Silvester, IBMTJWR Center, NY Hawthorne - IEEE Journal on Selected Areas in Communications, 1998 - [ieeexplore.ieee.org](#)

... need higher transmission rates can use **multiple** codes in ... work, a two-phase congestion **control** scheme is ... letting all data users simultaneously **access** the shared ...

[Cited by 91](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

[PDF] ► Modeling location for pervasive environments

R Glassey, I Ferguson - First UK-UbiNet Workshop, London, UK, 2003 - [www-dse.doc.ic.ac.uk](#)

... still many issues surrounding the **access control** and management ... that will allow fine grained **control** over the ... sensor technologies (passive IR, **RFID** tags, GPS ...

[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 8 versions](#)

... pattern (s) from antenna (s) arranged in a two-dimensional plane for use in **RFID** tags and labels

JR Tuttle - US Patent 5,572,226, 1996 - Google Patents

... **Access** Memory (SRAM), Dynamic Random **Access** (DRAM) or ... 3a, an **RFID** interrogator unit's antenna system ... computer circuitry, under software **control**, switches to ...

[Cited by 24](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Laminate **RFID** label and method of manufacture

SM Babb - US Patent App. 09/903,197, 2001 - Google Patents

... devices are used in systems for **access control**, animal feeding ... pro- grams, inventory **control**, process **control**, and security ... method of making the **RFID** label is ...

[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [All 7 versions](#)

Automated physical **access control** systems and methods

MP Schuyler, M Harville - US Patent App. 10/698,242, 2003 - Google Patents

... along the vertical axis into **multiple** horizontal partitions ... by token reader 14 within **access control** area 28 ... wirelessly interrogate tokens (eg, **RFID** based tokens ...

[Web Search](#) - [All 2 versions](#)

Next-generation wearable networks

RL Ashok, DP Agrawal - Computer, 2003 - [ieeexplore.ieee.org](#)

... these services, the media **access control** must accommodate ... Technology spectrum layer **access** data rate Coverage ... networks **RFID** (duplex); short-range low available ...

[Cited by 27](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Storage media **access control** method and system

RH Selinfreund, R Vig, DR Goyette, P Miller, JM ... - US Patent App. 10/645,078, 2003 - Google Patents

... **Control** of **access** may be ... mate- rials (including, without limitation, for example, com- pounds, dyes, radio frequency tags, **RFID**, microelectronic circuits ...

[Web Search](#) - [All 6 versions](#)

Method and system for **access control**

T Callahan, S Meyer - US Patent App. 10/715,113, 2003 - Google Patents

... 2,2004 (54) METHOD AND SYSTEM FOR **ACCESS CONTROL** (76) Inventors: Terrance Callahan,

Shelburne (CA); Steven Meyer, Richmond Hill (CA) Correspondence Address ...

[Web Search](#) - [All 6 versions](#)

[PDF] ► Securing passive objects in mobile ad-hoc peer-to-peer networks

R Mayrhofer, F Ortner, A Ferscha, M Hechinger - Electronic Notes in Theoretical Computer Science, 2003 - mayrhofer.eu.org

... broad range of applications from **multiple** vendors like ... capabilities, are unable to

control access to that ... Benetton recently adopted Philips **RFID** technology for ...

[Cited by 8](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 13 versions](#)

Reprogrammable vehicle access control system

PJ Dix, M Bojarski - US Patent App. 10/602,750, 2003 - Google Patents

... many vehicles, however, there may be **multiple** keys that ... used as a smart key to **control**

access to the ... preferably one of Texas Instru- ments **RFID** products, more ...

[Web Search](#) - [All 2 versions](#)

Access system utilizing multiple factor identification and authentication

EM Scheidt, E Domanque, R Butler, W Tsang - US Patent App. 10/502,478, 2003 - Google Patents

... In particular, the present invention relates to techniques for providing

multiple-level access control to objects in a com- puter system. ...

[Related articles](#) - [Web Search](#) - [All 7 versions](#)

RFID reader/writer device

B Hall, KE Thornton, JP Pearson, PG Scharpf, HKJ ... - 2000 - freepatentsonline.com

... WSI, Inc., Fremont, California, having random **access** memory, read ... I/O which interact

with and **control** the other ... and write to a variety of **RFID** transponders 22 ...

[Web Search](#) - [All 3 versions](#)

[CITATION] Critical manufacturing issues and solutions for tracking moisture sensitive devices (MSDS)

F Monette, C Inc - Technical report, 2001

[Cited by 2](#) - [Related articles](#) - [Web Search](#)

Remote identification of container contents by means of multiple radio frequency identification ...

PJ Sweeney - US Patent App. 10/707,511, 2003 - Google Patents

... an apparatus and method for a radio frequency document **control** system that ... it uses,

in one embodiment, an external **RFID** system to restrict **access** to the ...

[Related articles](#) - [Web Search](#) - [All 4 versions](#)

[PDF] ► RF/ID: Spectrum, Application, &Techniques

J Eagleson - Proc. of Fourth Wireless Symposium, 1996 - members.surfbest.net

... **Access Control** Vehicle ID Automatic Toll ... Auto Assembly Line **Control** Automatic Toll

Collection ... the tough get **RFID** ! Does not require Line-of-Sight placement. ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#)

[PDF] ► A user interaction paradigm for physical browsing and near-object control based on tags

P Väikkynen, I Korhonen, J Plomp, T Tuomisto, L ... - Physical Interaction (PI03) Workshop on Real World User ... 2003 - www.alt.medien.fh-ilmu.de

... visible, pointing is a natural way to **access** it ... **RFID** tags may be made into TouchMe

tags by limiting ... 2.4 Universal remote **control** concept The ScanMe, PointMe and ...

[Cited by 39](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 7 versions](#)

[PDF] ► Radio frequency ID

J Rossi - Hospitality Upgrade Magazine, Summer, 2003 - wcapra.com

... EMERGING TECHNOLOGY **RFID** Early Uses Building **access control** Parking deck **access**

Airline baggage ID Auto anti-theft immobilization Keyless entry ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 5 versions](#)

RFID device detection system and method

IJ Forster - US Patent App. 10/406,702, 2003 - Google Patents

... security-locks in cars, for **access control** to build ... 4 illustrates an embodiment of the **RFID** device detection ... 1 that has **multiple** trans- mission line structures ...
[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

Materials handling, tracking and **control** system

RF Rudolph, EA Elliot, MA Mathews - US Patent App. 09/837,351, 2001 - Google Patents
 ... HHT 103 also contains an **RFID** reader/writer. ... HHT and, in addition, can **access** the full ... tracking, manufacturing data, specifications, quality **control** data and ...
[Web Search](#) - [All 4 versions](#)

[PDF] ► Optimization of inductive **RFID** technology for product management

SCQ Chen, V Thomas - Proc. IEE Intl. Symposium, Electronics and Environment 2001, 2001 - cheequan.homestead.com
 ... An application may require the ability to read more than one **RFID** tag at ... This scheme is similar to the TDMA (Time Domain **Multiple Access**) scheme used in many ...
[Cited by 37](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 4 versions](#)

Metal compensated radio frequency identification reader

DV Lee - US Patent 6,377,176, 2002 - Google Patents
 ... Ser. No. 09/592, 125 kHz **access control** **RFID** readers, and primarily for 715 filed Jun. 13, 2000. 5 **access control** applications. ...
[Related articles](#) - [Web Search](#) - [All 4 versions](#)

[PDF] ► Towards a deconstruction of the privacy space

S Lederer, J Mankoff, AK Dey - Proc. Workshop on Ubicomp Communities: Privacy as Boundary ..., 2003 - cs.cmu.edu
 ... computationally mutable media involving mobile phones, **RFID** tags, WiFi **access** points, and GPS ... of the latter may support interactive **control** of information ...
[Cited by 22](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 17 versions](#)

System and method for managing digital rights

WFJ Fontijn - US Patent App. 10/531,933, 2003 - Google Patents
 ... rights, programmed into the **RFID** transponder is ... [0017] Preferably, the **access control** information consists ... combines the content from **multiple** content providers ...
[Web Search](#) - [All 6 versions](#)

Radio frequency powered voltage pump for programming EEPROM

DV Lee - US Patent 6,515,919, 2003 - Google Patents
 ... This circuit typically requires **multiple** diodes and many ... for asset management, EAS and **access control** applications ... Low power **RFID** data communication in the 125 ...
[Cited by 5](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Method and system for location finding in a wireless local area network

D Aljadeff, Y Granot, S Tsruya - US Patent App. 10/225,267, 2002 - Google Patents
 ... TDOA capa- bility, or **multiple** dedicated location ... intrusion management and connection **access control** use a ... radio-frequency identification (**RFID**) tag attached ...
[Web Search](#) - [All 6 versions](#)

Retransmission **control** and fairness issue in mobile slotted ALOHA networks with fading and near-far ...

TK Liu, JA Silvester, A Polydoros - Mobile Networks and Applications, 1997 - Springer
 ... σ_i/q_i) of the **multiple** groups allows us ... more general channel ac- cess **control** strategies which ... We distinguish two channel **access** strategies: the Uniform ...
[Cited by 5](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Limited **access** article identifier and locator system and method

CL Lancaster - US Patent App. 10/165,807, 2002 - Google Patents
 ... 11, 2003 LIMITED **ACCESS** ARTICLE IDENTIFIER AND LOCATOR ... employs the existing EAS and **RFID** technology to ... priority junction boxes, electrical **control** boxes or ...
[Web Search](#) - [All 2 versions](#)

Auto ID systems and intelligent manufacturing control

D McFarlane, S Sarma, JL Chirn, CY Wong, K Ashton - Engineering Applications of Artificial Intelligence, 2003 - Elsevier
 ... 2. Networked **RFID** readers and data processing system capable of ... box to the single screw attaching the **access** cover ... Auto ID in conventional assembly cell **control**. ...
[Cited by 62](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[PDF] ► Ubiquitous computing

M Weiser - IEEE Computer, 1993 - canterbury.ac.uk
 ... Sensor networks Attaching sensors to **RFID** tags or ... Fi hotspots; the ability to **access** remote content ... technologies allow automatic environmental **control** (such as ...
[Cited by 639](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 10 versions](#)

[PDF] ► Energy conservation in access protocols for mobile computing and communication

I Chlamtac, C Petrioli, J Redi - Microprocessors and Microsystems Journal, 1998 - jasonredi.com
 ... in many applications such as **RFID** networks, where ... 8802-3 Carrier Sense **Multiple Access** with collision ... 2] IEEE, "Wireless LAN Media **Access Control** (MAC) and ...
[Cited by 8](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#)

People, places, things: Web presence for the real world - ► asu.edu [PDF]

T Kindberg, J Barton, J Morgan, G Becker, D ... - Mobile Networks and Applications, 2002 - Springer
 ... Some small electronic devices, like passive **RFID** tags [47 ... centered grounds such as administrative or territorial **control**. ... to be sure that we **access** the printer ...
[Cited by 488](#) - [Related articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#) - [All 44 versions](#)

[PDF] ► Location-Aware Computing

JD Miller, C Technologist, LAC Initiative, J David - 2003 - ieee.or.com
 ... Bluetooth, **RFID**, wired LAN) ... Intel ULF Geometric Fuser Integrating data from **multiple** location technologies into a location state ... MAC - Medium **Access Control** ...
[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#)

[PDF] ► RFID Tags: Privacy and Security without cryptography

A Juels - RFID Privacy Workshop at MIT, 2003 - rfidprivacy.us
 ... A couple of scenarios • Example: Building **access** - Adversary may make limited queries of tags in ... human body! • **RFID** tags vs. ... **Control** of on/off ...
[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#)

Experimental evaluation of synchronization and topology control for in-building sensor network ... -**► ucsc.edu [PDF]**

WS Conner, J Chhabra, M Yarvis, L Krishnamurthy - Proceedings of the 2nd ACM international conference on ..., 2003 - portal.acm.org
 ... by small, inexpensive devices such as **RFID** tags, smart ... Woo and Culler's transmission **control** scheme [26 ... Time-division **multiple-access** (TDMA) can be used to ...
[Cited by 41](#) - [Related articles](#) - [Web Search](#) - [All 7 versions](#)

[PDF] ► Controlling multiple devices

R Wasinger, C Kray, C Endres - Physical Interaction (PI03) Workshop on Real World User ..., 2003 - it.usyd.edu.au
 ... interaction with them (eg an **RFID** tagged book). ... updating business spreadsheets), and the **access** rights a ... to be considered when allocating the **control** of devices ...
[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [All 11 versions](#)

Mathematical model for a multiread anticollision protocol - ► fcu.edu.tw [PDF]

P Hernandez, JD Sandoval, F Puente, F Perez - 2001 IEEE Pacific Rim Conference on Communications, ..., 2001 - ieeeexplore.ieee.org
 ... time required to identify the **RFID** tags within ... **control** (no MAC-medium **access control** layer) there ... of orchestrating the operation of **multiple RFID**-tags enabling ...
[Cited by 12](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Method of providing automated remote control of the operation of multiple refueling stations

GL Christman, W Goggin - US Patent 6,367,516, 2002 - Google Patents

... requests that are generated at **multiple** service station ... dispenser in accordance with the **control** commands ... a communications network that provides **access** to other ...

[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [All 6 versions](#)

[Efficient object identification with passive RFID tags](#) - ► [ethz.ch](#) [PDF]

H Vogt - Lecture Notes in Computer Science, 2002 - Springer

... information or restrict **access** to sensitive ... Reliable identification of **multiple** objects is especially ... Radio frequency identification (**RFID**) promises to be an ...

[Cited by 181](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 17 versions](#)

[RFID based security system](#)

LA Stijp - US Patent App. 10/356,512, 2003 - Google Patents

... Similarly, **access control** must read a large number of ... medium sized houses, a single **RFID** reader may ... Further- more, the presence of **multiple** **RFID** readers within ...

[Cited by 1](#) - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

[Location management in pervasive systems](#) - ► [uece.br](#) [PDF]

J Indulska, P Sutton - Proceedings of the Australasian information security ..., 2003 - portal.acm.org

... from simple, completely passive **RFID** tags at ... allows a simpler infrastructure (**multiple** uncoordinated base ... areas (**access control**, policy based management, privacy ...

[Cited by 31](#) - [Related articles](#) - [Web Search](#) - [All 14 versions](#)

[Energy-conserving access protocols for identification networks](#) - ► [bbn.com](#) [PDF]

I Chiamtac, C Petrioli, J Redi - IEEE/ACM transactions on networking, 1999 - ieeeexplore.ieee.org

... We showed that classical **multiple access** protocols such as ... For typical **RFID** applications, the pseudorandom protocol ... Wireless LAN media **access control** (MAC) and ...

[Cited by 71](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 13 versions](#)

Key authors: [A Juels](#) - [K Finkenzeller](#) - [J Hightower](#) - [S Sarma](#) - [R Rivest](#)

Google ►

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

rfid access control multiple

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2009 Google